

Applicant : William J. Clancey et al.  
Serial No. : 09/855,684  
Filed : May 16, 2001  
Page : 4 of 10

Attorney's Docket No.: 09158-003002

In the claims:

Please amend the claims as follows:

15. (Currently Amended) A computer-implemented method of populating a financial statement having columns and rows, comprising:

identifying an input database having columns as a source of input data for the statement, the data in the columns corresponding to a database period unit of time;

identifying a statement period unit for the base columns of the statement, the statement period unit being greater than the database period unit;

dynamically computing for each base column of the statement a correspondence to more than one column of the input database; and

populating cells of a statement column using data from the corresponding database columns.

16. (Original) The method of claim 15, wherein the statement is displayed to a user and the user can change the statement period unit, further comprising:

repopulating the cells in response to a change in the statement period unit.

17. (Original) The method of claim 15, further comprising:

automatically detecting the database base period unit from column labels read from the database.

18. (Original) The method of claim 15, wherein the statement is displayed to a user, further comprising:

inserting subtotal columns in the statement in response to a user request;

populating the statement including the subtotal columns with cell formulas for calculating cell values including values for the subtotal columns.

19. (Original) The method of claim 18, wherein:

Applicant : William J. Clancey et al.  
Serial No. : 09/855,684  
Filed : May 16, 2001  
Page : 5 of 10

Attorney's Docket No.: 09158-003002

the cell formula for a cell in a row holding a flow term defines a sum of base column values and the cell formula for a cell in a row holding a stock term defines a copy of a preceding base column value.

20. (Original) The method of claim 18, further comprising:  
inserting a grand total column in the statement in response to a user request; and  
populating cells of the grand total column with cell formulas for calculating cell values,  
where for a row holding a flow term, a grand total column has a cell value defined as the sum of  
subtotal column values.

22. (Original) A computer program residing on a computer-readable medium for  
causing a processor executing the computer program to populate an electronic financial  
statement having columns and rows, the computer program comprising instructions to:  
identify an input database having columns as a source of input data for the statement, the  
data in the columns corresponding to a database period unit of time;  
identify a statement period unit for the base columns of the statement, the statement  
period unit being greater than the database period unit;  
dynamically compute for each base column of the statement a correspondence to more  
than one column of the input database; and  
populate cells of a statement column using data from the corresponding database  
columns.

23. (Currently Amended) A computer-implemented method of generating content in an  
electronic financial statement having cells at intersections of rows and columns, each cell having  
a cell value, the method comprising;

reading statement data for the financial statement, the statement data comprising:

~~obtaining~~ a row definition associated with an entire row of the financial  
statement;

~~obtaining from the statement data~~ a first column definition associated with an  
entire first column of the financial statement and a second column definition associated with an

Applicant : William J. Clancey et al.  
Serial No. : 09/855,684  
Filed : May 16, 2001  
Page : 6 of 10

Attorney's Docket No.: 09158-003002

entire second column of the financial statement, each column definition specifying a period of time, the first and second columns being different columns of the financial statement; and

generating from the row definition and the first and second column definitions a first cell value for a first cell at the intersection of the row and the first column and a second cell value for a second cell at the intersection of the row and the second column, the first cell value being generated by evaluating a first formula expression generated automatically and solely from the row definition and the ~~second~~first column definition, the second cell value being generated by evaluating a ~~first~~second formula expression generated automatically and solely from the row definition and the second column definition.

24. (New) The computer program of claim 22, the computer program further comprising instructions to:

display the statement to a user;  
change the statement period unit in response to a user input; and  
repopulate the cells in response to the change in the statement period unit.

25. (New) The computer program of claim 22, further comprising instructions to:  
automatically detect the database base period unit from column labels read from the database.

26. (New) The computer program of claim 22, the computer program further comprising instructions to:

display the statement to the user;  
insert subtotal columns in the statement in response to a user request; and  
populate the statement including the subtotal columns with cell formulas for calculating cell values including values for the subtotal columns.

27. (New) The computer program of claim 26, wherein the cell formula for a cell in a row holding a flow term defines a sum of base column values, and the cell formula for a cell in a row holding a stock term defines a copy of a preceding base column value.

Applicant : William J. Clancey et al.  
Serial No. : 09/855,684  
Filed : May 16, 2001  
Page : 7 of 10

Attorney's Docket No.: 09158-003002

28. (New) The computer program of claim 26, further comprising instructions to:  
insert a grand total column in the statement in response to a user request; and  
populate cells of the grand total column with cell formulas for calculating cell values,  
where for a row holding a flow term, a grand total column has a cell value defined as the sum of  
subtotal column values.

29. (New) A computer program residing on a computer-readable medium for causing a  
processor executing the computer program to populate an electronic financial statement having  
columns and rows, each cell having a cell value, the computer program comprising instructions  
to:

read statement data for the financial statement, the statement data comprising:  
a row definition associated with an entire row of the financial statement,  
a first column definition associated with an entire first column of the financial  
statement and a second column definition associated with an entire second column of the  
financial statement, each column definition specifying a period of time, the first and second  
columns being different columns of the financial statement; and

generate from the row definition and the first and second column definitions a first cell  
value for a first cell at the intersection of the row and the first column and a second cell value for  
a second cell at the intersection of the row and the second column, the first cell value being  
generated by evaluating a first formula expression generated solely from the row definition and  
the first column definition, the second cell value being generated by evaluating a second formula  
expression generated solely from the row definition and the second column definition.